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PATENTS

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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PATENT APPLICATION

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Applicants : Franklin E. Boyer et al.

Technology Center 2600

Application No. : 09/330,793 Confirmation No. : 9836

Filed : June 11, 1999

For : TELEVISION SYSTEM WITH AIDED USER
PROGRAM SEARCHING

Group Art Unit : 2611

Examiner : Rueben M. Brown

New York, New York 10020
November 6, 2003

Mail Stop RCE
Hon. Commissioner for Patents
P.O. Box 1450
Arlington, Virginia 22313-1450

FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97,
applicants wish to call the attention of the Examiner to the
following documents:

U.S. Patent Documents

Miller	4,081,753	03/28/78
Miller	4,170,782	10/09/79
Wine	4,271,532	06/02/81
Tults	4,367,559	01/04/83
Templin et al.	4,375,651	03/01/83
Lambert	4,381,522	04/26/83
Keiser	4,390,901	06/28/83
Merrell	4,425,579	01/10/84

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Cichelli et al.	4,429,385	01/31/84
Deiss	4,495,654	01/22/85
Sirazi	4,527,194	07/02/85
Beyers, Jr.	4,641,205	02/03/87
Peers et al.	4,689,022	08/25/87
Kram et al.	4,754,326	06/28/88
Levine	4,908,713	03/13/90
Levine	4,963,994	10/16/90
Hallenbeck	5,038,211	08/06/91
Strubbe et al.	5,047,867	09/10/91
Yee et al.	5,210,611	05/11/93
Keenan	5,317,403	05/31/94
Amano et al.	5,323,240	06/21/94
Strubbe	5,432,561	07/11/95
Saitoh	5,444,499	08/22/95
Gilboy	5,465,113	11/07/95
Ohga et al.	5,465,385	11/07/95
Banker et al.	5,477,262	12/19/95
Cragun et al.	5,481,296	01/02/96
Miller et al.	5,585,866	12/17/96
Hendricks et al.	5,600,364	02/04/97
Augenbraum, et al.	5,617,565	04/01/97
Florin et al.	5,621,456	04/15/97
Bruette et al.	5,694,176	12/02/97
Rauch et al.	5,731,844	03/24/98
Dunn	5,752,160	05/12/98
Bedard	5,801,747	09/01/98
Davis et al.	5,822,123	10/13/98
Hoffberg et al.	5,875,108	02/23/99
Lemmons et al.	5,880,768	03/09/99
Sabourin, et al.	5,903,545	05/11/99
Cragun et al.	5,973,683	10/26/99
Williams et al.	5,977,964	11/02/99
Barrett et al.	6,005,597	12/21/99
Herz	6,029,195	02/22/00
Rothmuller	6,075,526	06/13/00
Hoffberg et al.	6,081,750	06/27/00
Schein et al.	6,133,909	10/17/00
Killian	6,163,316	12/19/00
Etheredge	6,172,674	01/09/01
Maze et al.	6,216,264	04/10/01

Huang et al.	6,437,836	08/20/02
Knowles et al.	6,505,348	01/07/03

Foreign Patent Documents

GB	1 554 411	10/17/79
PCT	WO 86/01359	02/27/86
PCT	WO 89/03085	04/06/89
PCT	WO 94/13107	06/09/94
PCT	WO 94/14284	06/23/94
PCT	WO 95/28799	10/26/95
PCT	WO 96/17473	06/06/96
PCT	WO 96/41478	12/19/96
PCT	WO 98/26584	06/18/98
PCT	WO 98/43183	10/01/98
PCT	WO 98/48566	10/29/98
PCT	WO 99/45701	09/10/99
PCT	WO 00/04708	01/27/00
PCT	WO 00/05889	02/03/00
PCT	WO 00/28734	05/18/00
PCT	WO 99/14947	02/28/02

Copies of the aforementioned documents, which are listed on the accompanying Form PTO-1449 (submitted in duplicate), are enclosed herewith.

In accordance with 37 C.F.R. § 1.98, applicants would also like to call the Examiner's attention to the following documents:

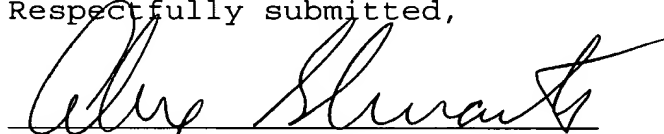
Ellis et al.	09/034,934	03/04/98
Knudson et al.	09/034,939	03/04/98
Rosenthal et al.	09/262,658	06/18/98
Knudson et al.	09/330,792	06/11/98
Boyer et al.	09/330,793	07/17/98
McKissick et al.	09/356,245	08/26/98
McKissick et al.	09/378,533	08/21/98
Herrington et al.	09/451,612	12/03/98

Copies of these applications are enclosed herewith.

These applications have not been listed on the accompanying Form PTO-1449 to prevent their Application Nos. from being printed on the face of any patent issuing from this application. Applicants respectfully request that the Examiner sign the statement "All references have been considered" on the bottom of page 3 of the enclosed Form PTO-1449 to indicate that these patent applications were considered (See MPEP § 609(III)(D)). Applicants request that a copy of Form PTO-1449, as considered by the Examiner, be returned with the next communication.

Consideration of the foregoing in relation to this patent application is respectfully requested.

Respectfully submitted,



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